

AIR SUPPLY SYSTEM FOR FUEL CELL

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ABSTRACT OF THE DISCLOSURE

10 An air supply system for a fuel cell is disclosed,
in which a compression chamber (17) of an air supply
mechanism (GS) is adapted to supply air to a fuel cell
(FC). A liquefaction unit (14) acting as a water supply
mechanism (WS) supplies water to the air supply mechanism
(GS) to seal and cool the compression chamber (17). The
15 liquefaction chamber (14) separates water from the
exhaust gas discharged from the fuel cell (FC) and
supplies the water to the air supply mechanism (GS). The
air supply mechanism (GS) and the liquefaction unit (14)
are integrated with each other.